

Crowcon Technical Note

Document Reference: GEN058

Date: 14 March 2016



Charging requirements for Crowcon portable products

This technical note summarises the power requirements of the most popular Crowcon portable detectors.



Triple Plus+, **Gasman** and **Tetra 3** charger cradles use a **15V** universal power adapter (product code C03580). A vehicle power adapter is also available which can be used with these charger cradles, and supplies 12V (product code C01296).

Gas-Pro and **T4** chargers use a lower voltage **6.5V** universal power adapter (product code CH0101). A vehicle power adapter is also available which can be used with these charger cradles, and supplies 6.5V (product code CH0106).

Can I use a T4/Gas-Pro power supply to charge a Triple Plus+/Gasman/Tetra 3?

No, the 6.5V power adapter or vehicle charger cannot be used to charge a Triple Plus+, Gasman or Tetra 3. The charging LED will illuminate very faintly and the detector will not receive any charge.

Crowcon Technical Note

Can I use a Triple Plus+/Gasman/Tetra 3 power supply to charge a T4/Gas-Pro?

No, the 15V power adapter and 12V vehicle adapter supply a voltage that is too high to charge a T4 or Gas-Pro.

Gas-Pro: This will trip the 500mA anti surge fuse in the box on the power cable.

T4: This will damage T4 resulting in it not working



Additional labelling is being added to power adapters and charger cradles to reduce the risk of a detector being connected in error to the incorrect charger:



Additional protection measures are being evaluated to further protect T4 from being damaged by an incorrect charger.

For more information, please contact customersupport@crowcon.com